Purchase Order Receipt Listing

Tuesday, January 07, 2014-12:43:16 PM

All amounts are calculated in domestic currency.

All Vendors PO ID po22359 Receipt Dates from 1/7/2014 to 1/7/2014 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

PO U/M / Stock U/M
12/20/2013
12/20/2013 36.0000
12/20/2013 24.0000
12/20/2013
12/27/2013

0.0000

\$1,160.92

Total Receipt Value: Total Balance Due Quantity:

		Kecen	Allia Izeb	011		,
	upplier: METAV	cast U	Batch Dart		1359	1
Packing Slip: Invoice: Receipt:	Yes No No Cash Cr	Re W SI Q	elease Note A /aybill Attache hipment Com C6 Inspection /ork Order	ed: Y	es No	
Discrepancies Part		antity	Quantity	Quantity	Quantity	Comments
Number	Description	dered	Received	Returned	Short	
M303B	00.CX00.1	12	.0	0.	12	
-		 		-		1
		Initials	of receiver	(if shipment	OK) Level	12
Production/Ac Date Received/Cos Initial					Locati	on

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D



A. M. Castle & Co.

Page 1 of 2

Shipment No:1997508

Ship From:	Sold To:	To:	Ship To:	Deliver To:
A. M. Castle & Co. MONTREAL - CASTLE		DART AEROSPACE LTD 1270 ABERDEEN	DART AEROSPACE LTD 1270 ABERDEEN	DART AEROSPACE LTD 1270 ABERDEEN
METALS		HAWKESBURY, ON K6A 1K7	HAWKESBURY, ON K6A	HAWKESBURY, ON
835-SELKIRK AVENUE	TH.		1K7 CAN	K6A 1K7 CA
H9R 3S2				
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
	ORIGIN	Prepaid	MANITOULIN	1997508-2
Shipment Details			Final Destination Branch - MON	NON
ON YOU'S	ON adi	Hem No	Description	
2152110	2	750041 MO	2 5000 PI 7075 T7351 ALLIN	2 5000 Pt 7075 T7351 At HMINI IM HSI 48 5000 144 5000
3153119		0.000.1	CUT-2SIDED TO 3.25 IN (+ .2500 IN) - ALUMINUM PLA	CUT 2SIDED TO 3.25 IN (+ .0620/0000 IN) X 72 IN (+ .2500/2500 IN) - ALUMINUM PLATE SAW SPECIFICATIONS:
			AMS-QQ-A-250/12	
3			ALL PAPERWORK MUST FOR BELI	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY
			ALL MATERIAL MUST HAVE	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT
			S,#	
			FORWARD COPY OF P/S TO TRACY (MONTREAL)	O TRACY (MONTREAL)
ON TOPING	4400	N. W. W.	Ordered Otv	Invoice Otv
Purchase Order NO	Lait	in the second se	2 00 PCS	2.00 PCS
Details	ALL PAPERWORK		MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY	EIVE AT TIME OF DELIVERY
	ALL MATERIAL MU	AL MUST HAVE IDENTIFY!	ST HAVE IDENTIFYING MARKINGS EX:HEAT #'S	
	FORWARD C	FORWARD COPY OF P/S TO TRACY (MONTREAL)	MONTREAL)	
	Email P/s and certs	Email P/s and certs to: clavoie@dartaero.com	ocom NG	
	FND LISER: DART	JART AFROSPACE)	
	END USE: CON	111	ARTS	
Dolivery No	Mill	Heat Number	Mech Id PCS Width	Width (IN) Length (IN) Shipped Qtv(LBS)
Delivery NO.	IAIIIAI		22.	

// //// July 7

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited. Date Printed: 03-JAN-2014 10:33:00 AM



A. M. Castle & Co.

Page 2 of 2

2 658321A5 ALUMINUM KAISER 119468527

These commodities/lechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material out to the correct size, or material out by the customer cannot be returned Date: Name: for credit. Reviewed by Authorized Castle Metals Representative: SHIP TO:

A M CASTLE & CO 3050 SOUTH HYDRAULIC WICHITA, KS 67216

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number 4311155

SOLD TO:

AM CASTLE & CO- SOLD TO 1420 KENSINGTON RD SUITE 220 OAK BROOK, IL 60523

									-		COLUT O	ONTRACT NUMBER:	
CUSTOMER PO NUMBER	:	WOF	RK PACK	AGE:	CU	STOMER PAR	T NUMBER:		SHIP	RUN/LOAD:	GOVIC	JNIKACI NOMBEK.	
236382					75	52241			102	746/11			
	LINE ITE	BA.	SHIP DA	TE.	-	ALLOY:	CLAD:	TEMPE	Ri	PRODUCT D	ESCRIPTI	ON:	
KAISER ORDER NO:	LINETTE	1411	ariir UA	1 Smr	((Manay.)			1 4 -	
1157843	1		1-OCT	Γ - 2013	1	7075	BARE	1735	1/	Kaiser S	elect® P	late	
	1			1 man 1 1 0 1	-		GAUGE:		I	DIAMETER/WII	DTH:	LENGTH:	
WEIGHT SHIPPED:	QUANTI	TY:		TRUCK	(B)	Lift	2,5000 II	V		48.500 IN		144.500 IN	
3588 LB	2 PCS	ES	Τ.	2044	22	9 (3.5000 N	- 1		31.9 MM)		(3670.3 MM)
		-		_	-				,				

MHU 1719596: LOT 658321A5: 2 pieces;

Certified Specifications

AMS 4078/RevJ ASTM B 209/Rev10 BSS 7055/RevA DPS 4.713/RevAK GSS16100/RevG/Amd1

AMS-QQ-A-250/12 ASTM B 594/Rev09 CMMP 025/RevU EAC MS1011/RevE MMS 159/RevT

AMS-STD-2154/RevA BAC 5439/RevH CSTI 006/RevE GAMPS 9101/RevB PS 21211/RevL

Test Code: 4297

Test Results

658321A Lot:

Cast 559

Drop 16

Ingot 4

Melted in USA

(ASTM E8/B557)

(EN 2002-1) Tensile:

Temper

Dir / # Tests

Ultimate KSI (MPA)

Yield KSI (MPA)

Elongation %

T7351

LT / 2 (Min:Max)

71.1:71.8

59.1:59.8

11.7:11.8

(490:495)

(407:412)

(ASTM E1004)

(EN 2004-1) Conductivity %IACS:

41.0 Min

41.2 Max

(MS/M):

23.8 Min

23.9 Max

(ASTM E1251)

OTHER ZR. CR ZN TI MG MN CU FE SI Chemistry: 0.05 0.01 TOT 0.20 5.8 0.03 0.01 2.5 0.02 0.06 1.5 0.19 Actual(wt%)



CERTIFIED TEST REPORT

Serial Number 4311155

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

AL	LO	YΙ	JM	ITS
----	----	----	----	-----

	SI	FE	CU	MN	MG	CR	ZN	TI	٧	ZR	OTHER	MAX
7075 MIN(wt%) MAX(wt%)	0.00 0.40	0.00 0.50	1.2 2.0	0.00 0.30 Alu	2.9	0.18 0.28 semainder	5.1 6.1	0.00 0.20	0.00 0.05	0.00 0.05	EACH TOT	0.05 0.15

TEST NOTES

Metal represented by this test report was 100% immersion ultrasonically tested from one side with 3mm dead zones top and bottom and meets the Class A and Class B requirements of all specifications referenced on this test report. No surface marking of sonic indications is performed.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, tested and found in conformance with the requirements of the applicable specification requirements. All metal which is solution heat treated complies with AMS 2772. Any mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

Page 2 of 2

JAMES HEMENWAY, LABORATORIES SUPERVISOR



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

Ship From:	Sold To:		Ship To:	Deliver To:
A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
	ORIGIN	Prepaid	MANITOULIN	1997508-2

Final Destination Branch - MON

Shipment Details

Order No	Line No	Item No	Descr	Description			
3144363	4	14828	1.000C SPEC	1.0000.RD.304/304L.STAINLESS.CF.ANN.432.0000-156.0000 SPECIFICATIONS: ASTM A276	STAINLESS.C ASTM A276	F.ANN.432.00	000-156.0000
Purchase Order No		Part Number	Order	Ordered Qty		Invoice Qty	Λ
22359	1		24.00 FT	FT		24.0000 FT	
Details	ALL PAF	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY	ORDER / CU!	STOMER MUS	r RECEIVE AT	TIME OF DE	KIVERY
	ALL MA	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S	TEYING MAR!	KINGS EX:HE/	S,# L		
\	FORWA	FORWARD COPY OF P/S TO TRACY (MONTREAL)	CY (MONTRE	AL)			
)	Email P/	Email P/s and certs to: clavoie@dartaero.com	taero.com				
	END US	END USER: DART AEROSPACE					
	END US	END USE: COMMERCIAL AIRCRAFT PARTS	T PARTS				
-/	ECCN #	ECCN # EAR99					
Delivery No.	Mill	Heat Number	Mech Id	PCS	Width (IN)	ength (IN)	Width (IN) Length (IN) Shipped Qty(LBS)
119464723	NORTH	(J4N0)		2		144.0000	67.0000
	AMERICAN	AN					
	STAINLESS	ESS					1

These commodities/lechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned Name: Date: for credit. Reviewed by Authorized Castle Metals Representative:



METALLURGICAL TEST REPORT

6870 Highway 42 East Chent, KY 41045-9615 (502) 347-6000 Page: 1 Of Length: 144.00 in Corrosion: ASTM A262-10 Frac A/E OK 9/18/2013 Finish: Cold Draw 304/304L Dia/Thk: Leg Length: Date: Steels 60131 A.M. CASTLE AND COMPANY 3400 NORTH WOLF ROAD II PRANKLIN PARK Ship To: Item Code: 14828 1420 KENSINGTON ROAD-SUITE 220 IL 60523 A.M. CASTLE AND COMPANY CAK BROOK Mail To: er) 4784 871445 04 233195 0032 001 LP Certificate: Your Order! Customer: MAS Order:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7014A-1 EU DIRECTIVE

IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

2011/65/EU.ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG

RIPTION:

PRODUCT DESCRIPTION:

ASTM A193/10a-ASME SA193/10 CL 1 GR B8
GRAIN SIZE= 4-6
Round Bar, Annealed, Cold Draw
INS 30400/30403 EN 10204 3.1, ASTM A484/11
ASTM A276/10, ASTM A479/13a, ASTW A182/10 CHEM ONLY,
ASME SA479/10a, ASME SA182/10 CHEM ONLY
ANS 56474, ANS 6A174, ANS QQS-763F, ASTW F899/11
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8

2) 451187

Weight Emdle Bundle Weight Weight Burdle Weight Bundle Bundle Weight Bundle Weight Bundle Weight Bundle Weight 4347 Bundle Weight ET70773

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) ANALYSIS CHEMICAL

Chemical Analysis per ASTM A751/08

Heat Suppl	Supplier #	5	° °	% OO	CR %	% DO %	MN %	MO %	% N	% IN	Di Di	to %
		DS	.016	.29	18.05	.44	1.43	.38	.077	8.55	.031	.0225
									Sas	tie Metals FB		
-			% IS					COUNTY OF SERVICE		LIND		
	:		.24					MECHANICAL ID	ICAL ID			
MECHANICAL	ICAL	1	PROPERTIES	E S				ITEM CODI	O.	0705	1.4.	
rt O	D 41	No.	.2YS KSI	UTS KSI	RA Se	Eing % 4D		PO NUMBER	B n 23	अव्र	1 200	Man agentine in
BF70773 R	r r	323.0	95.00	106.00	52.00	41.00		ACCEPT OF SUPPLIER	Two s	N. I.		
								SPECIFICATION	2 Notes	- Andreas -	Control and Control and Control	in the second se
								APPONENT APPONED				

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical Dept.Mgr.

ERIC HESS



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

Ship From:	Sold To:		Ship To:	Deliver To:
A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
03-1AN-2014	ORIGIN	Prepaid	MANITOULIN	1997508-2

Final Destination Branch - MON

Shipment Details

	Order No	Line No	Item N	do	Description	ption				
	3144363	-	4540		0.1875 SPEC	0.1875.RD.303.STAINLESS.CD.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A582	JLESS.CD.AN ASTM A582	JN.132.0000-1	56.0000	
	Purchase Order No		Part Number		Ordered Qty	ed Qty		Invoice Qty	ty .	
/	22359				36.00 FT			47.6667 FT		
	Details	ALL PAP	ERWORK M	<u>ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY</u>	RDER / CUS	STOMER MUS	T RECEIVE A	T TIME OF DE	ELIVERY	
1		ALL MAT	ERIAL MUS	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S	YING MARK	(INGS EX:HEA	S,# L			
		FORWAR	ID COPY OF	FORWARD COPY OF P/S TO TRACY (MONTREAL)	(MONTRE/	7L)				
		Email P/s	and certs to	Email P/s and certs to: clavoie@dartaero.com	ero.com					
		END USE	ER: DART A	END USER: DART AEROSPACE						
		END USE	E: COMMER	END USE: COMMERCIAL AIRCRAFT PARTS	PARTS					
/		ECCN # EAR99	EAR99							
1	Delivery No.	Mill	He	Heat Number	Mech Id	PCS	Width (IN)	Length (IN)	Width (IN) Length (IN) Shipped Qty(LBS)	
111	119464365	TALLEY	(743	743043		4		143.0000	4.4807	

These commodities/fechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

TALLEY METALS, INC. We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material are walved unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material out to the correct size, or material out by the customer cannot be returned for oredit.

Name:

Reviewed by Authorized Castle Metals Representative:

CERTIFICATE OF TESTS CERT SERIAL# 000845106

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

2



TALLEY METALS A Carpenter Company

THE RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.

CHAPTER 47.

THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.

MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.

THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

Talley Metals Technology, Inc.

Talley Metals 100 ann 205 Talley Metals Lane 205 Talley Metals Lane Tel: (610) 208-2000 (800) 338-4592

10/10/12 CUSTOMER/BESTELLER/CLIENT

SELLER / VERKÄUFER / VENDEURPAGE 1 OF

A.M. CASTLE & CO

3400 N WOLF RD FRANKLIN PARK IL 60131		I	IVL
CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
168510-004	W59502	10/10/12	3156.000
HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: PRODUCT DESCRIPTION: TYPE 303-00 NUMBER SPECIFICATION: CASTLE 3303-00 RE AMS 5640 REV U (1 ASTM-A484-11 AISI ASTM-A582-05 TYPE	ANNEALED COLD DRAWN	BER S30300	
SIZE 0 187500 IN. (4.76 MM) F PRIMARY HEAT CHEMISTRY (WT%): (TE 0.05 MN(XRF) 1.76	RD BAR EST METHOD IS SHOWN IN PARE	ENTHESIS) S (COM)	CR(XRF) 17.26
NO WELD DEDATE	MICROSTRUCTURE FREE FROM CO (NETWORK). ROM MERCURY, RADIUM AND ALI PA) 114.0(786) 127.0(876) 32.0 34.0	ONTINUOUS G	RAIN

HARDNESS AS SHIPPED 234HBW (99HRBW)

NO WELD REPAIR PERFORMED
MATERIAL HAS BEEN MELTED AND MANUFACTURED IN THE USA WHICH IS A QUALIFYING COUNTRY TO DEARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DEARS REQUIREMENTS DEARS 252.225-7008 AND 252.225-7009.

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.

Die vorliegende Zertifizierung ist nur für den in diesem Pormular genamien Kunden gillig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die ausgewiesenen Daten oder Zertifizierungen. Ce certificat est uniquement valable pour le olieut dont le nom est inprimé sur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification vis-à-vis d'une tierce personne.

CERTIFICATE OF TESTS CERT SERIAL# 000845106

TALLEY METALS A Carpenter Company

THE RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.

CHAPTER 47.

THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.

MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION

THIS DOGUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

Talley Metals Technology, Inc. 205 Talley Metals Lane McBee, SC. 29101 Tel; (610) 208-2000 (800) 338-4592

10/10/12 CUSTOMER / BESTELLER / CLIENT SELLER / VERKÄUFER / VENDEURPAGE 2 OF 2

CERTIFICAT DE CONTROLE

A.M. CASTLE & CO

3400 N WOLF RD FRANKLIN PARK

IL 60131

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
168510-004	W59502	10/10/12	3156.000

ABNAHMEPRUEFZEUGNIS

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: 743043 UNS NUMBER S30300 THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL, REVISION 30 DATED 09/28/11.

WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204(DIN50049)

TIMOTHY DUVALL OUALITY ASSURANCE REP. CARPENTER TECHNOLOGY CORPORATION

	Castle Wetals FP	
HEAT NUMBER_	743043	
MECHANICAL ID		
ITEM CODE	4540	9 Japan 10 August 10
LOT NUMBER		gray stances to the general part of equipmed become particular
PO NUMBER	168570	and the same of th
RECEIPT DATE	10/11/12	market and the second second
SUPPLIER	Talley	
SPECIFICATION		
LCS	No	
COMMENT		
APPROVED	135	

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.

Die verliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden göltig. Carpenter übernimmt gegenüber Deitten keisortei Haltung für die ausgewiesenen Daten oder Zertification vis der den in diesem Formular genannten Kunden göltig. Carpenter n'essume pas de responsabilité pour une certification vis devis d'une tierce personne. en Daten oder Zertifizierungen.



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

Ship From:	Sold To:		Ship To:	Deliver To:
A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
	ORIGIN	Prepaid	MANITOULIN	1997508-2

Final Destination Branch - MON

Shipment Details

Order No	No	Line No	Item No	Description	tion		
3144363	63	2	4693	1.2500. SPEC	1.2500.RD.303.STAINLESS.CF.A SPECIFICATIONS: ASTM A582	1.2500.RD.303.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A582	0-156.0000
Purcha	Purchase Order No		Part Number	Ordered Qty	d Oty	Invoice Qty	Oty
22359				36.00 FT	<u></u>	36.2500 F1	14(
Details		ALL PAPER	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY	ER / CUS	TOMER MUST R	ECEIVE AT TIME OF	DELIVERY
		ALL MATEF	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S	IG MARK	INGS EX:HEAT	S	
)		FORWARD	FORWARD COPY OF P/S TO TRACY (MONTREAL)	ONTREA	L)		
		Email P/s and certs t	nd certs to: clavoie@dartaero.com	com			
/0		END USER: DART /	: DART AEROSPACE				
		END USE: (END USE: COMMERCIAL AIRCRAFT PARTS	RTS			
//		ECCN # EAR99	.R99				
Delivery No.	ry No.	Mill	Heat-Number	Mech Id	PCS W	Width (IN) Length (IN)	 Shipped Qty(LBS)
119463927	3927	NORTH AMERICAN	K3M5		3	145.0000	152.0000
/ フ		SIAINLESS					

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material any specifications forming a part of the description.

To credit:

Reviewed by Authorized Castle Metals Representative:



METALLURGICAL TEST REPORT

6870 Highway 42 East Ghent, KY 41045-9615 (502) 347-6000 Page: 1 Of 1

144.00 in 1.2500 4n Cold Finish Date: 12/04/2013 Steel: 303 Finish Dia/Thk: reg Length: Length: Corrogion: 60131 REMARKS: A.M. CASTLE AND COMPANY 3400 MORTH WOLF ROAD Ħ PRANKLIN PARK Ship To: Item Code: 4693 A.M. CASTLE AND COMPANY 1420 KENSINGTON ROAD-SUITE 220 IL 60523 Mail To: OAK BROOK LP 10393 Certificate: 896202 29 249999 0032 001 PRODUCT Your Order: Customer: MAS Order:

PRODUCT DESCRIPTION:

Round Bar, Annealed, Smooth Turned, Cold Finished

ASTM A582/12 EN 10204 3.1, ASTM A484/11

AMS 56400 TPR 1, 008-764B COMDITION A

SOLOTION ANNEAL TEMP 1900F MIN

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7008 EU DIRECTIVE 2011/65/EU.ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MYG IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

51461/07

Bundle Weigh	Weight	Bundle Weight	Weight	Bundle	Weight	Bundle Weight	Bundle Weight Bundle Weight Bu	Weight	Bundle	Weight	Bundle	Weight	Bundle	Burdle Weight Burdle Weight Burdle Weight	Bundle	Peight
E#88050	512															

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africs) JP(Japan) ANALYSIS CHEMICAL

Chemical Analysis per ASTM A751/08

Rest	Supplier #	8	υ «	% 02	CR %	% CCO %	% NEW	* OM	×	MI %	% Di	* 'C3
K3M5		Su	.050	.15	17.21	in m	1.79	.30	.047	8.39	.030	.3590
			% IS						Ca	Castle Metals FP	2	
			.28					HEAT N	HEAT NUMBER	Kamp		
展成の	MECHANICAL		PROPERTIES	E S				MECHANICAL	יורע על אריועז דין	(ng/s)		
	च न ल छ	HB No.	. 2YS KSI	OTS KSI	R.B.	Eing % 4D		LOT NUMBER	MASER A	DAGA		in the second
BF88050	50 R L	159.0	48.80	93.53	41.40	33.88		RECEIPT DATE	DATE	1237	2	
								SUPPLIER	SUPPLIER N.P.		e spirite skied sk	
								8	2	- Injustralian	er i manufaller er blitte formatter er ber	Shareman grift Additional
								COMMENT	ENT	والمراوية	1000	
							and the second s	A COLONIA COLO	1/2	~		

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

ERIC HESS

Technical Dept.Mgr.

A STATE OF THE PARTY OF THE PAR



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

				and the same of th
Ship From:	Sold To:		Ship To:	Deliver To:
A. M. Castle & Co.	DART A	DART AEROSPACE LTD	DART AEROSPACE LTD	DART AEROSPACE LTD
MONTREAL - CASTLE		1270 ABERDEEN	1270 ABERDEEN	1270 ABERDEEN
METALS		HAWKESBURY, ON K6A 1K7	HAWKESBURY, ON K6A	HAWKESBURY, ON
835-SELKIRK AVENUE	UE CA		1K7 CAN	K6A 1K7
POINTE CLAIRE, QUEBEC	JEBEC			CA
H9R 3S2				
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
03-JAN-2014	ORIGIN	Prepaid	MANITOULIN	1997508-2

Final Destination Branch - MON

Shipment Details

Order No	9	Line No	Item No	Descr	Description			
3144363	93	က	15043	0.375(SPE(0.3750.RD.304/304L.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A276	STAINLESS.	CF.ANN.132.0	000-156.0000
Purcha	Purchase Order No		Part Number	Order	Ordered Qty		Invoice Qty	ly .
22359				24.00 FT	FT		24.0000 FT	
Details		ALL PAPE	<u>ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELLYERY</u>	RDER / CU.	STOMER MUS	T RECEIVE A	AT TIME OF DE	ELIVERY
		ALL MATE	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S	-YING MARI	KINGS EX:HE	AT #'S		
_		FORWARE	FORWARD COPY OF P/S TO TRACY (MONTREAL)	(MONTRE	AL)	at A.		
) -		Email P/s a	Email P/s and certs to: clavoie@dartaero.com	ero.com				
		END USEF	END USER: DART AEROSPACE					
		END USE:	END USE: COMMERCIAL AIRCRAFT PARTS	PARTS				
		ECCN # EAR99	4R99					
Delivery No.	v No.	Mill	Heat Number	Mech Id PCS	PCS	Width (IN)	Length (IN)	Width (IN) Length (IN) Shipped Qty(LBS)
119464365	1365	NORTH	H8J1		2		144.0000	9.0240
/		AMERICAN						
		STAINLESS						

These commodities/hechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material any specifications formed apart of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 80 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned Name: Date: for credit. Reviewed by Authorized Castle Metals Representative:

τ	30	τ	<u>F</u> ede:	#/16/2013 ####################################	pate: Steel: stainty: staff\fild: tafgael r
			0009 9010 9010 9010	0-74E (202)	

Bundle Waight

METALLURGICAL TEST REPORT

A.H. CASTLE AND COMPANY 3400 MORTH WOLF MOAD FRANKLIN FARK

tor gins

TET COTST

STAINLESS NORTH AMERICAN

MAS Order: Th STE8 Customer: 0032 001 A.H. CRETLE AND COMPANY 1420 XMMSTNOTOM ROAD-SULTE 220 OAK BROOK IL 60523 Certificate: 853162 04 OL TIPE

WELM WISS/108-WEME SWISS/10 CF I GH BE PRODUCT DESCRIPTION:

609522

Your Order:

KENVKKS: Length: Length: Length: NEW AVE AVE AVE OK

COMPLIES W/REQUIREMENTS OF DEAR 252,225-7014A-1 EU DIRECTIVE CONFLIES W/REQUIREMENTS AND LOW WELL REPAIR, EXLITED AND WEG IN USA PERS FROM MERCHTRE AND LOW WELLING ALLOY CONTAMINATION

ASIM SIZES 4-6

Round Bar, Annealed, Cold Draw

ARMS 56394, AMS 5647J, ASTH A182/10 CHEM ONLY,
ARE 56394, AMS 5647J, AMS QQS-763H, QQS-763F, ASTH F899/II

SOLUTION ANNEAL TEMP 1900F MIN, ASTH A320/08 CL I GR B8

E9095# 2800 signess elband states weight subject states weight weight states weight weight weight weight weight Bundle Melght Junial elband

Ifem Code: 12043

	:ndəəT i. rqad		ne etlueer ent noo in etalet etlueer invorqqe nettirw								
	ENÇHIPA ENÇHIPA										
0	COMMEN										
	ຣວາ										
	SPECIFICA										
TA LA	SUPPLIER		59.05	88.87	15.50	T 98	.08	0.222		H	£2095&
	PECEPT [= 4.	%	IS	M.	KSI	- OM		7 0	
0000	FINUM OF		STEE		AA	STU	SY1.	-		Pτ	
	INON TOO					TIES	OBER	BE	ZAD	INA	HOH
	ILEM COD										
	MECHANIC					12,					
1107	HEAT NUN					% IS					\frown
भार रामायूण ग्राम्हिक						LTO.		sn			1831
20. 720. 28.8 470.	02,	4P'T	SE.	18.20	05.	210					
S % d % IN % N	% OFF	% NOT	% D⊃	% ¥3	% 00	% D		CM	# 30	pridan	3 3891
	fundant es	(South Africa)	(come paruo)co	(made)en	ntry of Melt)	CINCCOR	SISX	TWN	r r	ICY	HEM



A. M. Castle & Co.

Page 1 of 2

Shipment No: 1997508

Shin France				000 100 100 100 100 100 100 100 100 100
A M Cartle & Co		Sold 10:	Ship To:	Deliver To:
MONTREAL - CASTLE	TLE	1270 ABERDEEN	DART AEROSPACE LTD 1270 ABERDEEN	DART AEROSPACE LTD 1270 ABERDEEN
835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2	OUEBEC	HAWKESBURY, ON K6A 1K7 CA	HAWKESBURY, ON K6A 1K7 CAN	HAWKESBURY, ON K6A 1K7 CA
Date Shipped	F.O.B.		Carrier	BOL No
03-JAN-2014	ORIGIN		MANITOULIN	1997508-2
Shipment Details			Final Destination Branch - MON	Z
Order No	Line No		Description	
3153119	-	752241.MO	2.5000.PL.7075.T7351.ALUI	2.5000.PL.7075.T7351.ALUMINUM.USI.48.5000.144.5000
			CUT 2SIDED TO 3.25 IN (+ .2500 IN) - ALUMINUM PL	CUT 2SIDED TO 3.25 IN (+ .0620/0000 IN) X 72 IN (+ .2500/2500 IN) - ALUMINUM PLATE SAW SPECIFICATIONS.
			AMS-QQ-A-250/12	
			ALL PAPERWORK MUST FOLLON	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY
			ALL MATERIAL MUST HAV	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT
			S) (# 1	
	· 		FORWARD COPY OF P/S TO TRACY (MONTREAL)	TRACY (MONTREAL)
Purchase Order No	90	Part Number	Ordered Oth	ole@dartaero.com
22359			2 00 PCS	Invoice Orty
Details	ALL PA	ALL PAPERWORK MUST FOLLOW ORD	K MUST FOLLOW ORDER / CUSTOMER MIST RECEIVE AT TIME OF BEI WERE	EIVE AT TIME OF BEI WERY
	ALL MA	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS FX HEAT #S	IG MARKINGS EX HEAT #'S	
	FORW/	FORWARD COPY OF P/S TO TRACY (MONTREAL)	IONTREAL)	
	Email P	Email P/s and certs to: clavoie@dartaero.com	com	
	COSTO	CUSTOMS BROKER: GEORGE H. YOUNG	<u>G</u>	
	I LEND	END USER: DART AEROSPACE		
	ECCN#	END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99	RTS	
Delivery No.	Mill	Heat Number	Mech Id PCS Width	Width (IN) Longth (IN) Shiring
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				(iii) Length (iii) Shipped Oty(LBS)
These commodition technology or cofficient	oloni or coffice	the second secon		



CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Go.

658321A5

119468527

N

Page 2 of 2

121.0061 These commodities/hechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, werefare exported thereunder. Diversion contrary to US Law is Prohibited. KAISER ALUMINUM

We hereby certify the material covered by this cartification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned.

| Plance | Name | N Name: SHIP TO:

A M CASTLE & CO 3050 SOUTH HYDRAULIC WICHITA, KS 67216

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number 4311155

SOLD TO:

AM CASTLE & CO-SOLD TO 1420 KENSINGTON RD SUITE 220 OAK BROOK, IL 60523

												The same with the first	
CUSTOMER PO NUMBER	:	WOF	K PACK	AGE:	CU	STOMER PAR	T NUMBER:		SHIP	RUN/LOAD:	GOVTC	ONTRACT NUMBER:	
236382					75	2241			102	746/11			
			ALUE DA	TF.	_	ATTOW.	CLAD:	TEMPE	P.	TPRODUCT D	ESCRIPTION	ON:	
KAISER ORDER NO:	LINE ITE	:M:	SHIP DA	15:	- 1	ALLOY:	GEAD:	LINE	144	1110000			
1157843	1		1-OCT	-2013	: Y	7075)	BARE	T735)	Kaiser S	eiect® P	late	
						· · · · · ·	ALUAR.	\sim	1	DIAMETER/WI	DTH:	LENGTH:	
WEIGHT SHIPPED:	QUANTI	ΥY:		TRUCK	BIL	.#:	GAUGE:			48.500 IN	D 111.	144,500 IN	
			_	0044	000		2.5000 1				04.04.00	1 1 1 000 11 4	(3870.3 MM)
3588 LB	2 PCS	ES	1.	2044	228	,	1/6	3.5000 N	/M)	(12	31.9 MM)		(2010/2 Ialial)
					_								

MHU 1719596: LOT 658321A5: 2 pieces;

Certified Specifications

AMS 4078/RevJ ASTM B 209/Rev10 BSS 7055/RevA DPS 4.713/RevAK GSS16100/RevG/Amd1

AMS-QQ-A-250/12 ASTM B 594/Rev09 CMMP 025/RevU EAC MS1011/RevE MMS 159/RevT

AMS-STD-2154/RevA BAC 5439/RevH CSTI 006/RevE GAMPS 9101/RevB PS 21211/RevL

Test Code: 4297

Test Results

Lot: 658321A5

Cast 559

Drop 16

Ingot 4

Melted in USA

(ASTM E8/8557)

(EN 2002-1)

Tensile:

Temper T7351

LT / 2 (Min:Max)

Dir / # Tests

Ultimate K\$I (MPA) 71.1:71.8

Yield KSI (MPA) 59.1:59.8

Elongation % 11.7:11.8

(407:412)

(490:495)

(ASTM E1004)

(EN 2004-1)

Conductivity %IACS:

41.0 Min

41.2 Max

(MS/M):

23.8 Min

23.9 Max

(ASTM E1251)

OTHER ZR ZN TI MG CR CU MN SI FE Chemistry: 0.05 TOT 5.8 0.01 0.01 0.03 0.20 0.02 2.5 1.5 Actual(wt%) 0.06 0.19



CERTIFIED TEST REPORT

Serial Number 4311155

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	٧	ZR	OTHER	MAX
7075 MIN(wt%) MAX(wt%)	0.00 0.40	0.00 0.50	1.2 2.0	0.00 0.30 Alu	2.1 2.9 minum R	0.18 0.28 emainder	5.1 6.1	0.00 0.20	0.00 0.05	0.00 0.05	EACH TOT	0.05 0.15

TEST NOTES

Metal represented by this test report was 100% immersion ultrasonically tested from one side with 3mm dead zones top and bottom and meets the Class A and Class B requirements of all specifications referenced on this test report. No surface marking of sonic indications is performed.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was matted in the United States of America or a qualifying country per DPARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DPARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, tested and found in conformance with the requirements of the application specification requirements. All metal which is solution heat treated complete with AMS 2772. Any mechanical properties are as shown herein and chamical composition meets specification requirements. All metal which is solution heat treated complete with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approved of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictilious or fraudulent statements or entries on the certificate may be punished as a felony under faderal law. ISO-9001:2000 certified.

Page 2 of 2

JAMES HEMENWAY, LABORATORIES SUPERVISOR



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

Ship From:	Sold To:	Ship To:	Deliver To-
Co. CASTLI AVENU RE, QUI	DART AE 1270 ABE HAWKES CA		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
	F.O.B. Freight Terms	Carrier	BOL No
03-JAN-2014 (ORIGIN Prepaid	MANITOULIN	1997508-2

Final Destination Branch - MON

Shipment Details

Order No	Line No	Item No	Description			
3144363	4	14828	1.0000.RD.30 SPECIFICAT	1.0000.RD.304/304L.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A276	.CF.ANN.132.00	00-156.0000
Purchase Order No		Part Number	Ordered Otv		Lavoioval Other	
22359			24 00 FT		24 OOO TT	
Details	ALL PAPER	ALL PAPERWORK MUST FOUN ORDER / CUSTOMER MUST BECEIVE AT TIME OF BEINGEN	RDER / CLISTOME	MIST DECENT	1 24.0000 r l	11 //- 17.7
	ALL MATER	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX-HEAT #'S	YING MARKINGS	TX-HEAT #S		IVER'S
	FORWARD	FORWARD COPY OF P/S TO TRACY (MONTREAL)	(MONTREAL)			
	Email P/s ar	Email P/s and certs to: clavoie@dartaero.com	ero.com			
	END USER:	END USER: DART AEROSPACE				
	END USE: C	END USE: COMMERCIAL AIRCRAFT PARTS	PARTS			
	ECCN # EAR99	R99				
Delivery No.	Mill	Heat Number	Mech Id PCS	Width (IN)	I angth (INI)	Width (IN) I apost (IN) Skings Width
119464723	NORTH	ONA!	C	(111)	יייייייייייייייייייייייייייייייייייייי	Silipped diy(LbS)
	AMERICAN		7		144.0000	67.0000
	STAINLESS			-		

1

These commodifies/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, werefare exported thereunder. Diversion contrary to US Law is Prohibited.

We bereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description.

Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 80 days of the shipment. Malerial cur to the correct size, or material cut by the customer cannot be returned for correct. Reviewed by Authorized Castle Metals Representative:

Name:

Date:



REPORT TEST METALLURGICAL

6870 Highway 42 East Chent, KY 41045-9615 (502) 347-6000

40

ed

Corrosion: ASTM A262-10 Prac A/E.OK Pages 144.00 in Date: 971872013 1.0000 Steel: 304/3041 Finish: Cold Draw 304/304L Leg Length: Length: Dia/Thk? 60131 A.M. CASTLE AND COMPANY 3400 NORTH WOLF ROAD H PRANKLIN PARK Item Code: 14828 A.M. CASTLE AND COMPANY 1420 XENGINGTON ROAD-SUITE 228 IL 60523 ONK BROOK Mail To: 4784 Certificate: 871445 04 233195 0032 001 r L Your Order! Customer: EAS Order:

IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTANINATION COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014A-1 EU DIRECTIVE 2011/65/EU.Rods. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG REMARKS

ASTER A276/10, ASTER A479/13m, ASTER A182/10 CHEM ONLY,
AND 5619H, AMS 5647J, AMS QQS-763H, QQS-763H, ASTER F899/11
SOLUTION ANDERLY TEMP 1900F MIN, ASTER A320/08 Ct. 1 GR B8

UMS 30400/30403 KM 10204 3.1, ASTM A484/11

Round Bar, Annealed, Cold Draw

GRAIN SIZE 4-6

PRODUCT DESCRIPTION: ASTM A193/10a-ASME SA193/10 CL 1 GR BB

CM(Country of Mett) ES(Spain) US(United States) ZA(South Africa) JP(Japan) ANALYSIS CHEMICAL

Chemical Analysis per ASTM A751/08

Sundle Weight

Bundle Weight

Bundle Weight

Bondle Weight

Bundle Weight

Bundle Weight

Bundle Weight

Bundle Weight

Bundle Weight

4347

EE70773

.0225 Nº. .031 1 Pe Cactle Metale FR NI % 8,55 23319 ě .077 THE NAME OF MECHANICA ID **SPECIFICATION** × PO NUMBER HOUSE DATE TEN COOL COMMENT SUPPLIER TOTAL POPULATION % 98 38 æ 1.43 E E 8 7. 41.00 4 40 Elng % E 18.05 52.00 d R 8 -29 106.00 KBI ROPERTIES ď .016 .24 SI 95.00 Ų KSI 378 ð 20 222.0 D₁ 80 KECHANICAL Supplier 4 ρς BF70773 JANO

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Dept.Mgr. Technical

(BACKED

1/8

ERIC HESS



CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

Ship From:	Sold To:		Ship To:	Deliver To:
A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
03-JAN-2014	ORIGIN	Prepaid	MANITOULIN	1997508-2

Final Destination Branch - MON

Shipment Details

Order No	Line No	Item No	Description	- L	Was	
3144363	2	4693	1.2500.RD SPECIFIC	1.2500.RD.303.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A582	.ANN.132.0000-1	56.0000
Purchase Order No		Part Number	Ordered Otv)ty	Invoice Otv	2
22359			36.00 FT		36.2500 FT	
Details	ALL PAPER	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY	DER / CUSTO	MER MUST RECEIV	E AT TIME OF DE	=1 IVERY
	ALL MATER	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX: HEAT #'S	ING MARKING	S EX:HEAT #'S		
	FORWARD (FORWARD COPY OF P/S TO TRACY (MONTREAL.)	MONTREAL.)			
	Email P/s an	Email P/s and certs to: clavoie@dartaero.com	o.com			
	END USER: DART	DART AEROSPACE				
	END USE: C	END USE: COMMERCIAL AIRCRAFT PARTS	ARTS			
	ECCN # EAR99	665				
Delivery No.	Mill	Heat Number	Mech Id PCS		I) Length (IN)	Width (IN) Length (IN) Shipped Oty(1 BS)
119463927	NORTH	K3M5	m		145,000	152 0000
	AMERICAN					0000:30
	STAINLESS			•		

These commodities/lechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, werefare exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby cartify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material any specifications forming a part of the description. Test reports are on the subject to examination. All claims for defective material are walved unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cur to the correct size, or material cut by the customer cannot be returned for credit. Reviewed by Authorized Castle Metals Representative:

Name:

Date:



METALLURGICAL TEST REPORT

6870 Highway 42 East Chent, KY 41045-9615 (502) 347-6000

Page: 1 of 144.00 in 1.2500 in Date: 12/04/2013 Finish: Cold Finish 303 Length: Dia/The: Leg Length: Corrosion: Steel: IL 60131 REMARKS A.M. CASTLE AND COMPANY 3400 MORTH WOLF ROAD PRABUKLIN PARK Item Code: 4693 1420 KENSINGROM BOAD-SUITE 220 TL 60523 A.M. CASTLE AND COMPANY PRODUCT DESCRIPTION: DAX BROOK Mail To: LP 10393 Certificate: 896202 29 249999 0032 001 Your Order: Customer: MAS Order:

COMPLIES W/REQUIREMENTS OF DFAR 252,225-7008 SU DIRECTIVE 2011/65/EU.ROBS. EAFADD-CC. NO WELD REPAIR. MILIED AND HIGH IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Round Bar, Annealed, Smooth Turned, Cold Finished

ASTM A582/12 EN 10204 3.1, ASTM A484/11

AMS 56400 TYPE 1, QQS-764B COMDITION A

SOLUTION ABREAL TENT 1900F MIN

Weight Bundle Bundle Weight 512 Bundle Weight BE-88050

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japen) ANALYSIS CHEMICAL

Chienical Analysis per ASTH A751/08

Beat	Heat Supplier #	8	# U	₹ 00	8	K CC %	MAN %	* COK	*	16T %	Pi Pi	2 %
K3MS		Su	.050	.15	17.21	35	1.79	.30	.047	8.39	080.	.3590
			SI %						2	Contin Market		
			.28					HEAT N	HEAT NUMBER	Kamp		
MEC	MECHANICAL	PROP	PROPERTIES	Ŋ				JUNE CHANGE	MECHANICAL ID	450	-	
	10 m	No.	. 2YB I	ots ret	13. 14.	Eing % 4D		H-16MUN TOT	Make		Ö	
BF8805	BF88050 R L 1	159.0	48.80	93.53	41.40	33.88		RECEIPT DATE		123-	0	
								SUPPLIER	SPECIFICATION	35	er i serialiste e (1974) e (198) quantitata de marconario.	
								83	2			
					***			COMMENT	M	The state of the s		
										7		

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

ERIC HESS

Technical Dept, Mgr.



CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

Ship From.	Felan			
Cinp 1 cin.	301d 10:	.0.	Ship to:	Deliver To:
A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
_	F.O.B.	Freight Terms	Carrier	BOI NO
03-JAN-2014	ORIGIN	Prepaid	MANITOULIN	1997508-2
				2000

Final Destination Branch - MON

Shipment Details

Order No	Line No	Item No	Description			
3144363	ო	15043	0.3750.RD.3	0.3750.RD.304/304L.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A276	.CF.ANN.132.0	000-156.0000
Purchase Order No		Part Number	Ordered Otv		Invoice Oty	
22359			24 00 FT		24 0000 12	,
Details	ALL PAPEDMODIC	NO I TO I ON DE	DOLO / CLOTO	1	24.0000 1	
	ALC	WORK WOST FOLLOW OF	ADEA / COS CON	MICH TOLLOW ONDER / COSTOMER MOST RECEIVE AT TIME OF DELIVERY	AT TIME OF DE	ELIVERY
	ALL MAIE	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S	YING MARKINGS	EX:HEAT #'S		
	FORWARD	FORWARD COPY OF P/S TO TRACY (MONTREAL)	(MONTREAL)			
	Email P/s a	Email P/s and certs to: clavoie@dartaero.com	ro.com			
	END USER: DART /	I: DART AEROSPACE				
	END USE: COMME	COMMERCIAL AIRCRAFT PARTS	PARTS			
	ECCN # EAR99					
Delivery No.	Mill	Heat Number	Mech Id PCS	Width (IN)	I enoth (IN)	Width (IN) Length (IN) Shipped Op. (1 BS)
119464365	NORTH	H8J1	0		144 0000	Simpled any (LDS)
	AMERICAN		å.		0000.++1	3.0240
	STAINLESS					

These commodities/lecthologies are subject to US Export Administration & US State Dept. Regulations and, if Intended for export, werefare exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material out to the correct size, or material out by the customer cannot be returned Feviewed by Authorized Castle Melals Representative:

Name:

Date:



METALLURGICAL TEST REPORT

6870 Highway 42 East Ghent, KY 41045-9615 (502) 347-6000

Certificate: 853162 04

Mail To: A.M. CASTLE AND COMPANY 1420 NUMBERGOON ROAD-SUITE 220 OAK BROOK IL 50523

Ship To: A.W. CASTLE AND COMPANY 3400 BORTH WOLF ROAD FRANCEIN PARK IL (IL 60131

7/16/2013 Page: 1 Of 1 Dates Steel: 304/304L Finish: Cold Draw Dia/Thk: .3750 in

Customer: 0032 001

Item Code: 15043

MAS Order: LP 2168

Your Order: 225609

Length: 144.00 in Corrosion: ASTM A262-10 Frac A/E OK

PRODUCT DESCRIPTION:

ASTH A193/10a-ASME SA193/10 CL 1 GR BS

ASTM A1937/108-ASMM SALF9/10 CT 1 GR 20 GRAIN SIZE- 4-6
ROULD SAT, Annealed, Cold Draw
USS 30400/30403 EM 10204 3.1, ASTM A494/11
ASTM A276/10, ASTM A479/11, ASTM A182/10 CHEM ONLY,
ASME SA479/10a, ASME SA182/10 CHEM ONLY
AME 5639E, AMS 5647J, AMS QQS-763B, QQS-763F, ASTM F899/11
SOLUTION ANNEAL TEMP 1900F NIE, ASTM A320/08 CL 1 GR 88

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252,225-7014A-1 BU DIRECTIVE 2011/65/EU.ROBS. EAF+ADD+CC. NO WELD REPAIR. MELTED AND MFG IN USA FREE FROM MERCURY AND LOW HELTING ALLOY CONTAMINATION

Sundle	Weight	Bundle	Wed	ght	B	ndle	Weight	Bundle	e Waight	Bundle	Weight	: Bundle	Weight	Bundla	Weight	Bundle	Weight	Bundle	Weight
75 6063	2800							سنبيب											
HEN	ICAL	ANI	LLI	rsı.	s	CM	(Country of I	Meit) f	ES(Spain)	US(United S	tales) Z	A(South Africa	a) JP(Japa	n)	Cha	mical An	alysis	per ASTM	
		-	CM		C	*	co	*	CR %	CO	*	107 %	NO %	2	1 4	HI %		P %	8 %
	Supplier	*	-			017	.20		18.20	.32		1.47	,20		074	8.62		.027	.020
18J1			us		•	013	. 20		20100						Cast	ic were	IS PP		
					8	I %							HEAT	A PART IN	Lit	851			
						21								WICAL I	-				
					-			-					ITEM C	ODI		150	£3_		
4ECI	ANIC	AL	PR	OPE	_					PAR			LOTIN	PORT IN					
	3 d	EDB S¥0		.2YS	gi	Ü	rei Kei	RA	*	Elng % 2°			PONU		225	209			****
				-			103.51		73.39	50.63				T DATE	777	A-()-)	
MY56063	R E	222	.0		10.8	•	103.31		,3,40	34744			SUPPL		101	1/-			
														CATION)				
													LCS	7					
													COMM						
													APPRO	Va	<u> </u>				
											4	Alex consumption				And the Person of the Person o		~ 5	
AS here	hy certifies	that the	analy.	sis on t	this	certifi	cation is o	prrect.	Based up	on the resu	ara and	THE RECORDED	Tec	hnical			-		
	by certifier									on the resu results relat written app			Tac Dap	hnical t.Mgr.		ERIC		-	200



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

Ship From:	Sold To:	:0;	Ship To:	Daliver To:
A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
_	F.O.B.	Freight Terms	Carrier	BOI No
03-JAN-2014	ORIGIN	Prepaid	MANITOULIN	1997508-2

Shipment Details			Final E	Final Destination Branch - MON	anch - MON		
Order No	Line No	Item No	Description	ption			
3144363		4540	0.1875	0.1875.RD.303.STAINLESS.CD.ANN.132.0000-156.0000	ILESS.CD.AN	JN.132.0000-1	56.0000
G. C.			SPEC	SPECIFICATIONS: AS IM A582	45 I M A582		
Furchase Order No	Part Number	umper	Ordered Qtv	od Otv		Invoice Oty	47
22359			36.00 FT			47 6667 ET	, , , , , , , , , , , , , , , , , , ,
Details	ALL PAPERWO	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MIST BECEIVE AT TIME OF BELLIVERY	RDER / CLIS	TOMER MIST	C RECEIVE A	- 1000. 1+ T	
	ALL MATERIAL	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS FX HEAT #'S	YING MARK	INGS FX:HE		C TO TIVIL I	
	FORWARD COPY	PY OF P/S TO TRACY (MONTREAL)	(MONTRE/	(T) :		
	Email P/s and c	Email P/s and certs to: clavoie@dartaero.com	ero.com				
	END USER: D/	END USER: DART AEROSPACE					
	END USE: CON	END USE: COMMERCIAL AIRCRAFT PARTS	PARTS				
	ECCN # EAR99	0					
Delivery No.	Mill	Heat Number	Mech Id	PCS	Width (IN)	Ponoth (IN)	Width (IN) Penath (IN) Shipped Op.// BS)
119464365	TALLEY	743043				4 40 0000	Sulphen and (LDS)
	METALS, INC.)		r		143.0000	4.4807

These commodities fechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material out to the correct size, or material cut by the customer cannot be returned for each and by Authorized Castle Metals Representative:

CERTIFICATE OF TESTS CERT SERIAL# 000845106

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE



THE RECORDING OF FALSE, FICTICIOUS OF FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 16, CHAPTER 47.

THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. GRIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NIGHBER.

MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GANNA SOURCE CONTAMINATION.

THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

Talley Metals Technology, Inc. 205 Talley Metals Lane McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

10/10/12 CUSTOMER / BESTELLER / CLIENT SELLER / VERKÄUFER / VENDEURPAGE 2 OF

2

A.M. CASTLE & CO

3400 N WOLF RD FRANKLIN PARK

IL 60131

HVL

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./Nº DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEW1CHT/POIDS
168510-004	W59502	10/10/12	3156.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: 743043 UNS NUMBER S30300 THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL, REVISION 30 DATED 09/28/11.

WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204(DIN50049)

TIMOTHY DUVALL QUALITY ASSURANCE REP CARPENTER TECHNOLOGY CORPORATION

Castle Metals FP HEATNUMBER 743043 MECHANICAL ID ITEM CODE 4540 LOT NUMBER ____ PONUMPIE 168570 RECEIPT DATE 10/11/12 Jalley SUPPLIER SPECIFICATION LCS No COMMENT APPROVED

This certification is made to the oustomer printed on this form, Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.

Die verliegende Zertiffizierung ist mar für den in diesem Portuniar genannten Kunden gollig, Carpenter übernimmt gegenüber Ektiten keinerlei Haftung für die ausgawierenen Daton oder Ze Ce certification est uniquement valable pour le citent dont le nom est imprimé aur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification vis-k-vis d'une tietce personne.

CERTIFICATE OF TESTS CERT SERIAL# 000845106

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

TALLEY METALS A Carpenter Company

THE RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, FITLE 16, CHAPTER 47.

OHAPIEN 97.

THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.

MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION

THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE HRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

Talley Metals Technology, Inc. 205 Talley Metals Lane McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

10/10/12 CUSTOMER / BESTELLER / CLIENT

1 OF SELLER / VERKÄUFER / VENDEURPAGE

A.M. CASTLE & CO

3400 N WOLF RD FRANKLIN FARK

IL 60131

HVL

CR(XRF)

CUSTOMER ORDER NO./BESTELL-NR./Nº DE COMMANDE	CARPENTER HO./WERKS-NR./Nº DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GENICHT/POIDS
168510-004	W59502	10/10/12	3156.000

HEAT NUMBER / SCHMELZE-NR. / Nº DE COULEE :

743043

UNS NUMBER S30300

0.32 (COM)

PRODUCT DESCRIPTION: TYPE 303-00 ANNEALED COLD DRAWN PART NUMBER: IAC 4540

SPECIFICATION: CASTLE 3303-00 REV 20 (04/11/11)
AMS 5640 REV U (10//07) TYPE I UNS# S30300
ASTM-A484-11 AISI - 303
ASTM-A582-05 TYPE 303

0.187500 IN. (4.76 MM) RD BAR SIZE

PRIMARY HEAT CHEMISTRY(WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

0.03 (XRF) 0.52 (XRF) 0.05 (COM) CU(XRF) N (FUS) MO(XRF) NI(XRF) 8.60

NO WELD REPAIR.
SOLUTION ANNEALED TO PROVIDE A MICROSTRUCTURE FREE FROM CONTINUOUS GRAIN BOUNDARY CARBIDE PRECIPITATION (NETWORK).
MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM AND ALPHA SOURCE CONTAMINATION.

DISCS MACROETCHED AND APPROVED

(T)RANSVERSE (L)ONGITUDINAL VIELD STRENGTH, (0.20 %) KSI(MPA) TENSILE STRENGTH, KSI(MPA) ELONGATION IN 1.00", % REDUCTION OF AREA, % 786) 876

HARDNESS AS SHIPPED 234HBW (99HRBW)

NO WELD REPAIR PERFORMED
MATERIAL HAS BEEN MELTED AND MANUFACTURED IN THE USA WHICH IS A QUALIFYING COUNTRY TO DEARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DEARS REQUIREMENTS DEARS 252.225-7008 AND 252.225-7009.

CONTINUED ON NEXT PAGE

This certification is made to the contoner printed on this form. Curpenter neither makes, nor ansures responsibility for, any representation or certification to other parties.

Die vorliegende Zertifizierung ist rur für den in diesem Pormuler geoansten Knoden göllig. Curpenter übernimmt gegenüber Dritten keinerlei Huftung für die ausgewiesenen Daten oder Zertifizierungen. Ce certificat est uniquement valable poor is olient dont ie nom est inprimé sur ce formulaire. Curpenter n'assume pass de responsabilité pour une certification vis-à-vis d'une tierce personne.



METAUX CASTLE

P.O. BOX 4090 STN A TORONTO, ON M5W OE9

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22359

Purchase Order Date 12/11/2013 PO Print Date 12/11/2013

Page Number 1 of 3

Order From:

CA

VC-MET001

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

514 694 9575

A.M. CASTLE & CO. (CANADA) INC. - C/O 910720

Buyer

Chantal Lavoie

Customer POID Customer Tax #

10127-2607

Ship To Contact

Terms Currency Net 30 CAD

Ship To Phone Ship Via:

Ship Acct:

VENDOR'S TRUCK

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ CD Taxable	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
Line Comments Delivery Comment	Line Comments Delivery Comments		Promise Date		M/27869	
1 M	M303B1.000X2.000	303 BAR 1" X 2"	12/27/2013	12.00	\$78.55	\$942,60
			Yes	f		
			12/27/2013			
	MATERIAL: AISI 303 SS BA NOTE: AISI 304/316 NOT AC					
-4. 'Ve						
	4. 14. 14.				Line Total:	\$942.60

M303R0.187

303 Round Bar 0.187"

12/20/2013

36.00

Yes 12/20/2013

\$0.55

\$19.80

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

47.6667

Line Total:

\$19.80

M303R1.250

303 Round Bar 1.250

12/20/2013 Yes

12/20/2013

\$9.90

\$356.40

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

36 26 /y/1/7

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22359

Purchase Order Date 12/11/2013 PO Print Date 12/11/2013

Page Number 2 of 3

Order From:

VC-MET001

METAUX CASTLE A.M. CASTLE & CO. (CANADA) INC. - C/O 910720 P.O. BOX 4090 STN A TORONTO, ON M5W OE9

CA

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship Acct:

514 694 9575

Buyer

Chantal Lavoie

Ship To Contact

Ship To Phone Ship Via:

VENDOR'S TRUCK

Customer POID

Customer Tax # Terms

10127-2607 Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

304 ROUND BAR 0.375

12/20/2013

24.00

\$28.08

\$356.40

M304R0.375

Yes 12/20/2013

\$1.17

MATERIAL: AIS 304/316 SS ROUND BAR AS PER ASTM A276

MATERIAL: AIS 304/316 SS ROUND BAR AS PER ASTM A276

NOTE: AISI 303 NOT ACCEPTABLE

NOTE: AISI 303 NOT ACCEPTABLE

Line Total:

Line Total:

Line Total:

\$28.08

M304R1.000

304 round bar 1.00

12/20/2013

24.00

\$6.59

\$158.16

Yes 12/20/2013

\$158.16

12/27/2013

f Neel 2 FIRST

\$55.29

\$774.00

M7075T73B2.500X03.25

7075-T73 Bar 2.50 x 3.25

Yes

12/27/2013

MATREIAL: 7075-T73 OR 7075-T7351/T73510/T73511 BAR AS PER AMS-QQ-A-200/11 PR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 AMS 4078

Note:

12/11/2013



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22359

Purchase Order Date 12/11/2013 PO Print Date 12/11/2013

Page Number 3 of 3

Order From:

CA

VC-MET001

METAUX CASTLE A.M. CASTLE & CO. (CANADA) INC. - C/O 910720 P.O. BOX 4090 STN A TORONTO, ON M5W OE9

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Ship To Contact

Ship To Phone

Vendor Phone

514 694 9575

Buyer

Chantal Lavoie

Customer POID

Customer Tax # Terms

10127-2607 Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

VENDOR'S TRUCK Ship Via: Ship Acct:

Line Total:

\$774.00

PO Total:

\$2,279.04

NO

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent. Certificate of Conformity or Material Certification required YES

PST# 6122-5207

Change Date:

12/11/2013

Change Nbr:

2